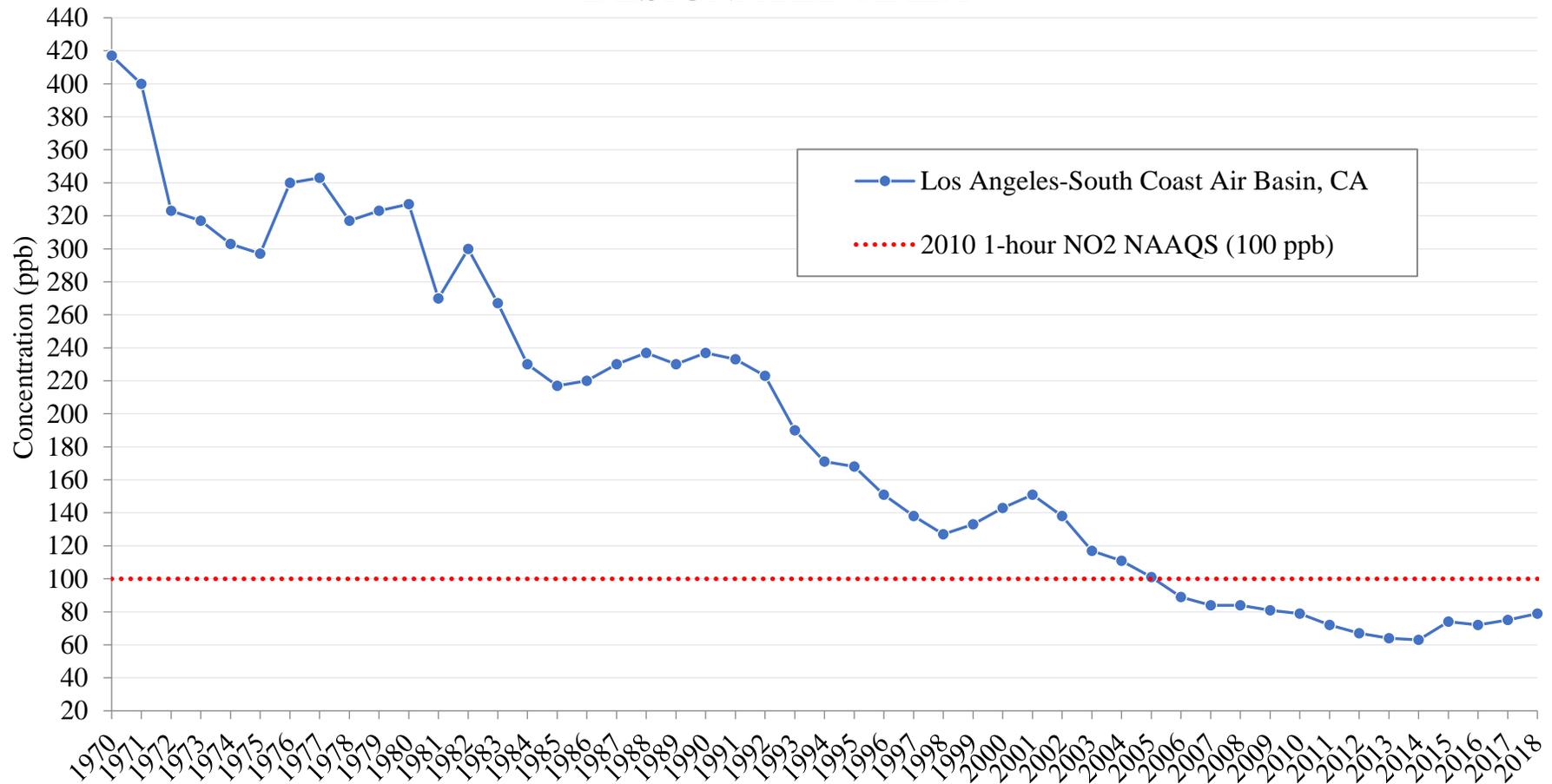


US EPA REGION 9 AIR QUALITY TRENDS, 1970-2018

1-HOUR NITROGEN DIOXIDE (NO₂) DESIGN VALUE CONCENTRATIONS BY DESIGNATED AREA*



*As designated under the 1971 nitrogen dioxide (NO₂) primary national ambient air quality standard (NAAQS).

Source: US EPA's Air Quality Systems (AQS) database (May 7, 2019).

The 2010 primary national ambient air quality standard (NAAQS) for 1-hour NO₂ is 100 parts per billion (ppb). The hourly primary standard NO₂ design value for a site is the valid 98th percentile of the daily maximum 1-hour concentration values at a monitoring site, averaged over a consecutive 3-year period. X-axis labels represent the most recent year of a 3-year period. All incomplete data and exceptional event data (e.g., high winds and wildfires) that EPA has concurred on have been excluded from design value calculations.

AIR19100 - 2018 annual air quality update - NO₂.xlsx (December 17, 2019)

